



Technical Data Sheet

Chlorosulphonated Polyethylene (WCM210)

Chlorosulphonated Polyethylene, CSM

CHEMICAL DESCRIPTION: PHYSICAL PROPERTIES

TENSILE STRENGTH: ≥9.8 (MPa)

SPECIFIC GRAVITY: 1.4

ELONGATION AT BREAK: ≥350%

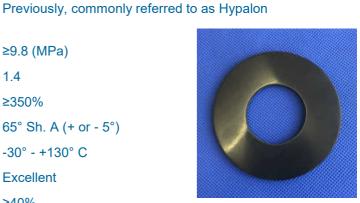
HARDNESS RANGE: 65° Sh. A (+ or - 5°)

TEMPERATURE RANGE: -30° - +130° C

OZONE RESISTANCE: Excellent

COMPRESSION SET: ≥40%

22 Hrs @ 70° C



CHEMICAL RESISTANCE

WATER: Good

ACIDS: Excellent

ALKALIS: Good

OILS & HYDROCARBONS: Moderate

FUELS AND PETROLEUM SOLVENTS: Fair

KETONES: Poor

Recommended for sheet for resistance to heat and moderate resistance to oils.

Also recommended for applications that require good resistance to weathering. It is superior to Neoprene in this

respect and has an added advantage that it can be produced in stable light colours. Hypalon is more expensive than Neoprene.

It is often used where outstanding resistance to strong oxidising acids is required. One of the other benefits is that it is self extinguishing, flame retardant.



UK GASKET & SEALING ASSOCIATION Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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